

PHOTOGRAPHIC INTERPRETATION MEMORANDUM



HA NOI AREA
COMMUNICATIONS FACILITIES
PROBABLY USED FOR
INSURGENCY OPERATIONS

NPIC/R-47/68
MARCH 1968

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SEC. CL

25X1C

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Analysis of the antennas at Ha Noi Communications Facility South indicates that this is one of the two main stations probably used to communicate with Ha Noi-directed Communist insurgents in Southeast Asia. The second station is Lang Truoc Communications Facility, 13.5 nautical miles (nm) north of Ha Noi.

25X1D Aerial photography of [REDACTED] is of sufficient quality to determine that the antenna system at Ha Noi Communications Facility South is probably capable of communicating with any other communications facility within approximately 600 nm of Ha Noi. This would extend southward to within 100 nm of Saigon and northward past Chungking, China.

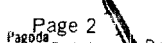
The Lang Truoc Communications Facility contains rhombic antennas oriented towards Moscow and Peiping, vee antennas for short-range omni-directional communications, and horizontal dipole antennas oriented for multiple frequency communications with all of Southeast Asia from Rangoon to the South Vietnam coast.

25X1D The Ha Noi facility was initially reported as a radiotelegraph station in 1951, but on [REDACTED] no antennas or masts were visible and none of the buildings could be associated with communications. [REDACTED] 25X1D
most of the buildings had been replaced (with the exception of an L-shaped control building) but there was still no communications signature. Blast walls were subsequently constructed around two of the buildings and in
25X1D [REDACTED] photography led to the identification of 10 probable stick masts, and the redesignation of the site as a probable communications facility. Five pairs of horizontal dipole antennas were identified by NPIC
25X1D on [REDACTED] photography, confirming the installation as a communications facility. (NPIC cable message 3165, dated 4 March 1968.)

25X1D The facility at Lang Truoc, probably constructed in [REDACTED] now contains an antenna field extending north and south of the control building, a large single rhombic and a small double rhombic in day-night pairs, one small single rhombic, four vee, and 13 horizontal dipole antennas.

Of the seven major communications facilities previously identified in the Ha Noi area, only the two listed in this memorandum have the majority of their antennas oriented on azimuths that could support insurgent activity in Southeast Asia.

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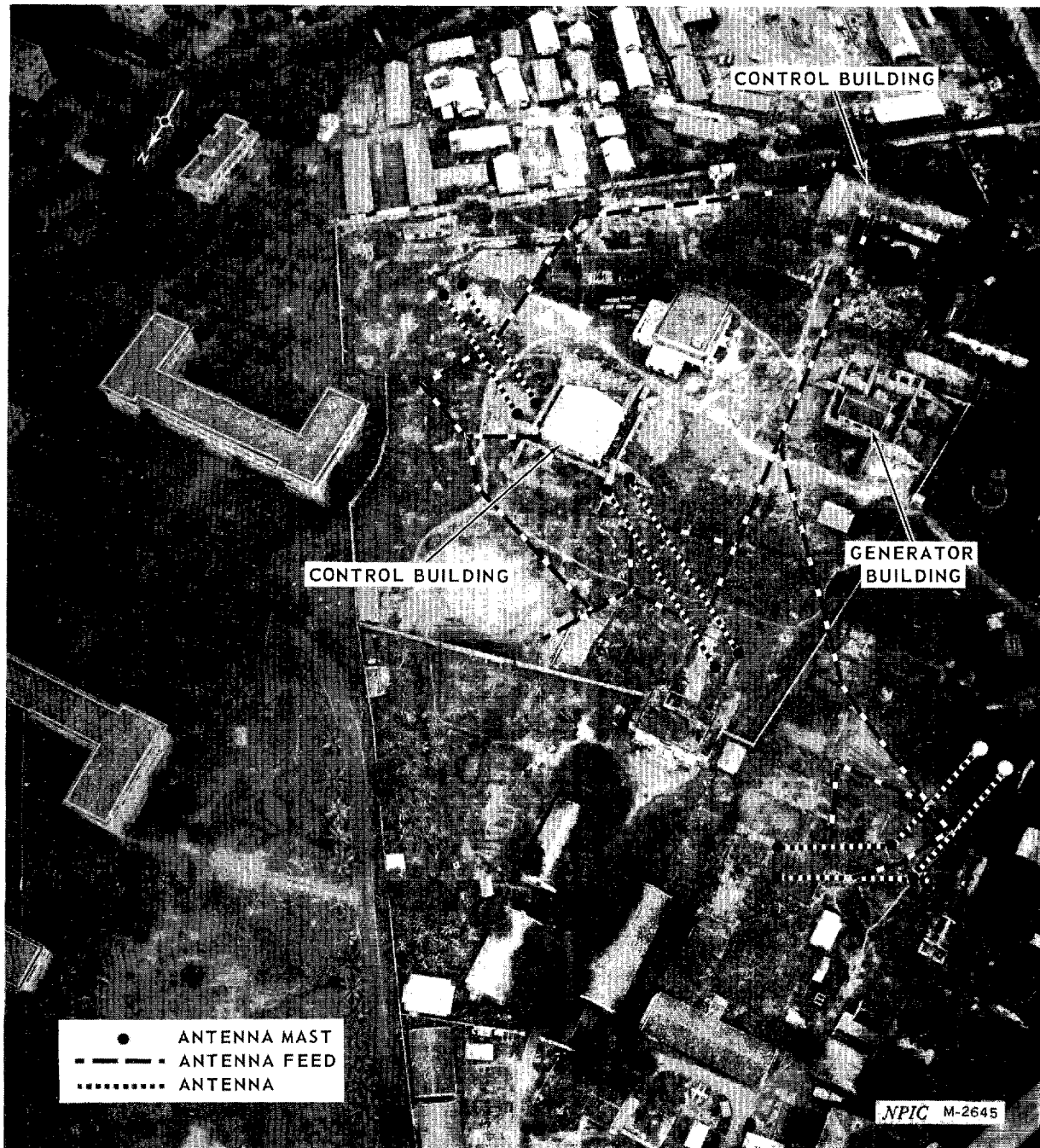
NPIC M-2544

25X1D
[REDACTED]
UTM COORDINATES

HANOI COMMUNICATIONS FACILITY SOUTH

25X1A [REDACTED]
BE NUMBER

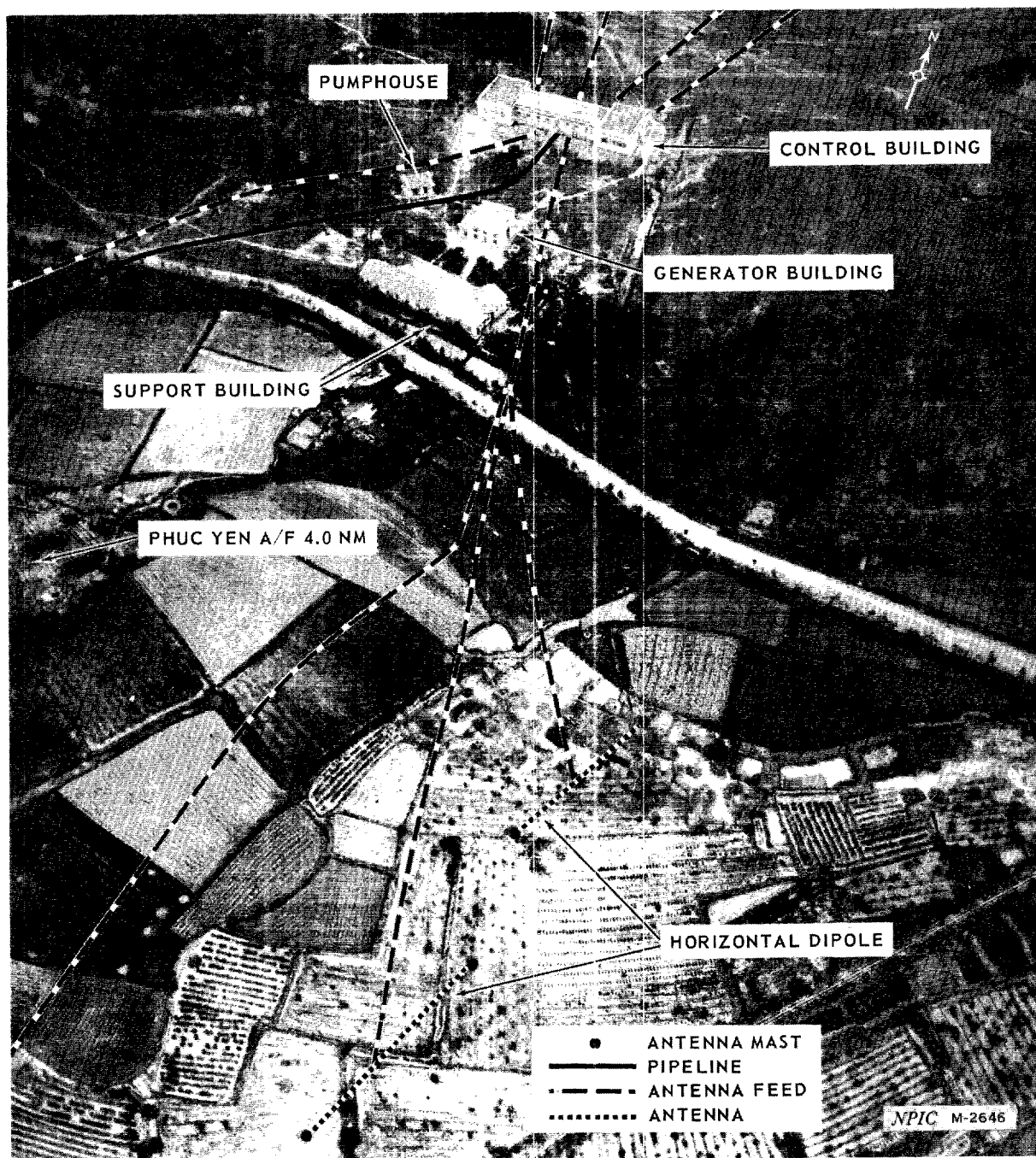
20-59-44N 105-51-16E
GEOGRAPHIC COORDINATES



25X1D
[REDACTED]
UTM COORDINATES

LANG TRUOC COMMUNICATIONS FACILITY
25X1A [REDACTED]
BE NUMBER

21-15-24N 105-52-10E
GEOGRAPHIC COORDINATES



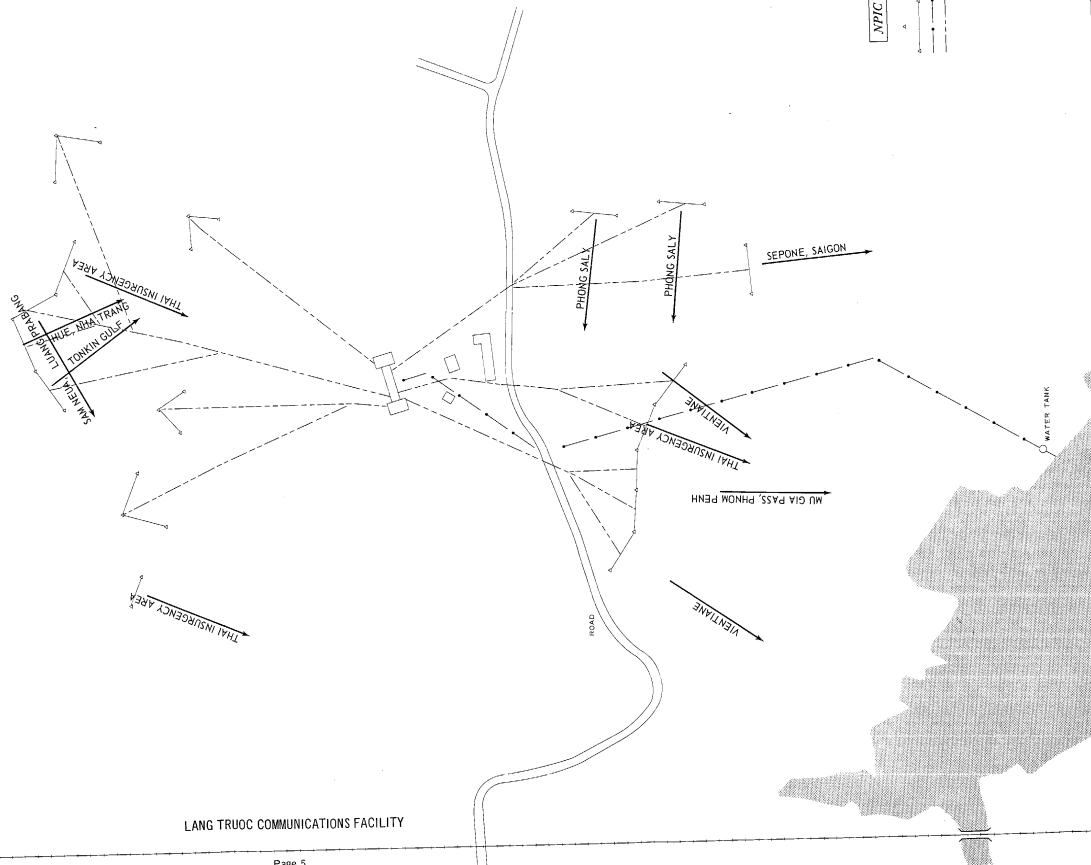
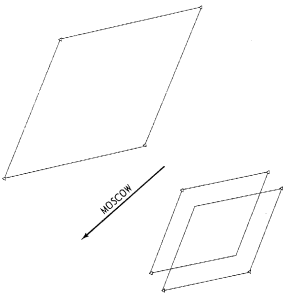
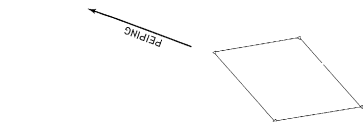
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NO FOREIGN DISSEM

25X1C

NPIC/R-47/68

NPIC M-2557
Antenna mast
Antenna
Pipeline
Antenna lead



LANG TRUOC COMMUNICATIONS FACILITY

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NO FOREIGN DISSEM

25X1C

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